

(PCT Article 36 and Rule 70)

Date of submission of the demand	Date of completion of this report
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2005/001214

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ This report is based on translations from the original language into the following language _____, which is the language of a translation furnished for the purposes of:
- ☐ international search (Rule 12.3 and 23.1(b))
- ☐ publication of the international application (Rule 12.4)
- ☐ international preliminary examination (Rule 55.2 and/or 55.3)
2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:
- ☐ the international application as originally filed/furnished
- ☒ the description:
- pages 1-22 as originally filed/furnished
- pages* _____ received by this Authority on _____
- pages* _____ received by this Authority on _____
- ☒ the claims:
- nos. 1-63 as originally filed/furnished
- nos.* _____ as amended (together with any statement) under Article 19
- nos.* _____ received by this Authority on _____
- nos.* _____ received by this Authority on _____
- ☒ the drawings:
- sheets 1/5-5/5 as originally filed/furnished
- sheets* _____ received by this Authority on _____
- sheets* _____ received by this Authority on _____
- ☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.
3. ☐ The amendments have resulted in the cancellation of:
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____
4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
- ☐ the description, pages _____
- ☐ the claims, nos. _____
- ☐ the drawings, sheets/figs _____
- ☐ the sequence listing (*specify*): _____
- ☐ any table(s) related to sequence listing (*specify*): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1. Statement			
Novelty (N)	Claims	1-57	YES
	Claims		NO
Inventive step (IS)	Claims	1-57	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-57	YES
	Claims		NO
2. Citations and explanations (Rule 70.7)			
<p>1. Reference is made to the following document:</p> <p>D1: WO 01/08543 A1</p>			
<p>2. Document D1 is considered to be the closest prior art to the subject matter of claims 1 and 52. It discloses (the references between parentheses relate to said document) a dust-collection filter (and a corresponding method) according to the preamble of claim 1.</p>			
<p>3. The subject matter of claim 1 therefore differs from the dust-collection filter known from D1 in that the adsorbent comprises fibres, flakes and/or granules as the carrier material onto the surface of which a pulverulent adsorption material is applied (characterizing part of claim 1).</p> <p>The subject matter of claims 1 and 52 is therefore novel (PCT Article 33(2)).</p>			
<p>4. The problem addressed by the present invention can therefore be considered that of reducing odours from dust deposited in dust-collection chambers in an improved manner compared to the known prior art</p>			

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Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
	<p>(D1) .</p> <p>The solution to this problem which is proposed in claim 1 of the present application involves an inventive step (PCT Article 33(3)): in D1, the odour-binding means is in the form of particles such as fibres. The prior art does not contain any suggestion which would cause a person skilled in the art to develop the filter known from D1 and provide it with particles according to the invention.</p> <p>5. Dependent claims 2-51 and 53-57 are dependent on claim 1 (and, respectively, 52) and therefore likewise meet the PCT requirements for novelty and inventive step.</p>

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Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

6. The phrase "module" in claim 11 is vague and unclear and leaves the reader uncertain as to the meaning of the technical feature in question. As a result, the subject matter of said claim is not clearly defined (PCT Article 6). The definition of this phrase can be found in the description, wherein it is the ratio of SiO_2 to Al_2O_3 . This information should therefore be included in claim 11.